

Application Number 10/511931
Response to the Office Action mailed March 3, 2009

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Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1- 62. (Cancelled)

63. (Currently Amended) An optical information recording method for recording information onto an optical information recording medium, the method comprising:

a recording pulse correction step of correcting a predetermined number of elements in order to form a recording mark in a predetermined position;

wherein in the recording pulse correction step, the number of elements to be corrected is determined by changed depending on a recording density of the optical information recording medium.

64. (Currently Amended) The optical information recording method according to claim [[63]] 69,

~~wherein the method comprises performing recording at a first recording density and a second recording density that is higher than the first recording density, and~~

~~wherein in the recording pulse correction step, a first number of elements, which is the number of elements to be corrected when recording at the first recording density, is smaller than a second number of elements, which is the number of the elements to be corrected when recording at the second recording density the first recording density is~~

~~higher than the second recording density, and~~

the second number of elements is smaller than the first number of elements.

65. (Previously Presented) An optical information recording apparatus that records information onto an optical information recording medium, the apparatus comprising:

a recording pulse correction means for correcting a predetermined number of elements to be corrected, in order to form a recording mark in a predetermined position;

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wherein the recording pulse correction means differentiates a number of elements, which is the number of elements to be corrected, according to a recording density of the optical information recording medium.

66. (Currently Amended) The optical information recording apparatus according to claim [[65]] 70,

~~wherein the apparatus performs recording at a first recording density and a second recording density that is higher than the first recording density, and~~

~~wherein the recording pulse correction means sets a first number of elements, which is the number of the elements to be corrected when recording at the first recording density, to be smaller than a second number of elements, which is the number of the elements to be corrected when recording at the second recording density the first recording density is higher than the second recording density, and~~

the second number of elements is smaller than the first number of elements.

67. (Previously Presented) An information recording medium onto which data are recorded by recording a mark by the optical information recording method according to claim 63.

68. (Previously Presented) A reproduction method comprising:

reproducing data by reading a mark recorded on a recording medium by the optical information recording method according to claim 63.

69. (New) The optical information recording method according to claim 63, wherein the method comprises performing recording at least at a first recording density and a second recording density that is different from the first recording density, and

in the recording pulse correction step, a first number of elements, which is the number of the elements to be corrected when recording at the first recording density, is different from a second number of elements, which is the number of the elements to be corrected when recording at the second recording density.

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70. (New) The optical information recording apparatus according to claim 65, wherein the apparatus performs recording at least at a first recording density and a second recording density that is different from the first recording density, and

the recording pulse correction means changes a first number of elements, which is the number of the elements to be corrected when recording at the first recording density, from a second number of elements, which is the number of the elements to be corrected when recording at the second recording density.